Sanibel, Florida
2/7/53

To: G.W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

Egg Mass Collections

Pen	Date	1/31		2/1		2		3		4		5		6		Totals	
		F	S	F	S	F	S	F	S	F	S	F	S	F	S*	F	S
Knip		0	1	1	0	0	0	0	0	1	0	0	0	0	0	2	1
Bush		1	0	2	1	0	4	0	0	0	0	2	0	1	1	6	6
Eddy		3	0	0	0	0	0	0	0	0	0	0	1	0	0	3	1

Iona, Tower and Pine--no egg masses collected

*F denotes fertile; S denotes sterile.

Fly Collections

No screw-worm flies were collected in traps during the week.

Flies Released

Tuesday--7,400, Friday--7,400 (sterile males)
Flight conditions--good.

The local pay telephone has been moved into the cafe at the ferry landing. The cafe operator plans to set up a rate schedule for the delivery of notification of emergency calls. The number here is 92141.

According to the rancher the traps I mentioned to you previously are cans of material that "fizz", attract the screw-worms and kills them. The product is made by Squash Ford, Lake Placid, Florida.

cc: E.F. Knipling
R.C. Bushland

A.H. Baumhover

Sanibel, Florida
2/7/53

To: G.W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

Egg Mass Collections

Pen	Date	1/31	2/1	2		3		4		5		6		Totals	
		F	S	F	S	F	S	F	S	F	S	F	S*	F	S
Knip		0	1	1	0	0	0	1	0	0	0	0	0	2	1
Buah		1	0	2	1	0	4	0	0	2	0	1	1	6	6
Eddy		3	0	0	0	0	0	0	0	0	1	0	0	3	1

Iona, Tower and Pine--no egg masses collected

*F denotes fertile; S denotes sterile.

Fly Collections

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Flies Released

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The local pay telephone has been moved into the cafe at the ferry landing. The cafe operator plans to set up a rate schedule for the delivery of notification of emergency calls. The number here is 92141.

According to the rancher the traps I mentioned to you previously are cans of material that "flies" attract the screw-worms and kill them. The product is made by Squash Ford, Lake Placid, Florida.

cc: E.F. Knipling
R.C. Bushland

Sanibel, Florida
2/16/53

To: G. W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

Egg Mass Collections

Pen	Date	2/7		8		9		10		11		12		13		14		15		Totals	
		F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S
Knip		1	0	0	0	1	1	0	2	0	0	1	0	0	0	0	2	0	0	3	5
Bush		0	4	0	8	2	8	0	0	0	2	0	5	0	3	2	0	0	2	4	32
Eddy		0	3	0	3	2	5	1	1	2	0	3	6	2	2	11	1	6	4	27	25
																				34	62
Pine		0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0		
Tower		(none)																			
Iona		(none)																			

The only screw-worms caught in traps serviced 2/9/53 were Junction 2 "wild", Tower 1 radioactive male and Safety Harbor 1 "wild."

Flies Released

Tuesday--7200, Friday--3900 (sterile males).

Alfred H Baumhover

cc: E.F. Knipling
R. C. Bushland

Sanibel, Florida
2/16/53

To: G. W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

Fur Mass Collections

Pen	Date 2/7		8		9		10		11		12		13		14		15		Totals	
	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S	F	S
Knip	1	0	0	0	1	1	0	2	0	0	1	0	0	0	0	2	0	0	3	5
Buah		0	4	0	2	3	0	0	0	2	0	5	0	3	2	0	0	2	4	22
Eddy		0	3	0	3	2	5	1	1	2	0	3	6	2	2	11	1	6	4	27
Pine		0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	34	62
Tower		(none)																		
Iona		(none)																		

The only screw-worms caught in traps serviced 2/9/53 were
Junction 2 "wild", Tower 1 radioactive male and Safety
Harbor 1 "wild."

Flies Released

Tuesday--7200, Friday--3900 (sterile males).

cc: E.F. Knipling
R. C. Bushland

Numbers of Sterile Male Screw-worms Released and Percent Mortality on indicated days after release--Sanibel, 1953

Date Released	No. released	Percent Initial mortality	Percent mortality on indicated days after release														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1/20	4360	2.5	32	40	80	90	90	94	94	94	96	96	96	96	99	99	100	
1/24 1/	7200	1.0	1	2	7	12	14	14	17	18	19	19	19	25	29	30	31	32
1/24	--	5.0	6	7	13	22	28	30	32	32	33	34	34	36	38	40	44	49
1/27	6660	0.0	2	2	10	14	40	62	64	66	83	90	94	99	100			
1/30	7400	0.0	2	12	23	23	24	27	31	36	43	48	52	55	59			
2/3	7400	0.0	1	2	4	8	11	15	18	18	19							
2/6	7400	0.0	4	8	14	25	40											

Numbers of Sterile Male Screw-worms Released and Percent Mortality on Indicated days after release--Sanibel, 1953

Date Released	No. released	Initial mortality	Percent mortality on indicated days after release													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1/20	4360	2.8	32	40	80	90	90	94	94	94	96	96	96	96	99	99	99	100
1/24	7200	1.0	1	8	7	12	14	14	17	18	19	19	19	25	29	30	31	32
1/24	--	5.0	6	7	13	22	28	30	32	32	33	34	34	36	38	40	44	49
1/27	6660	0.0	2	8	10	14	40	60	66	66	83	90	94	98	100			
1/30	7400	0.0	2	12	23	23	24	27	31	36	43	48	52	65	69			
2/3	7400	0.0	1	2	4	8	11	15	18	18	19							
2/6	7400	0.0	4	8	24	25	40											

FEB 24 1953

Sanibel, Florida
2/21/53

To: G.W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

Egg Mass Collections

Pen	Date 15	16		17		18		19		20		Totals	
		F	S	F	S	F	S	F	S	F	S	F	S
Knip		0	2	0	2	0	0	0	0	0	2	0	6
Bush		1	1	0	0	0	2	0	0	0	0	1	3
Eddy		13	4	2	0	8	2	5	2	2	4	30	12

Iona, Tower & Pine--none collected.

Fly Trap Collections

The only screw-worms collected were a single "wild" fly at School trap during the week.

Flies Released (sterile males)

Tuesday-- 6400; Friday--7500--Friday's release is being delayed due to high winds, however, Sanibel's quota was released by auto,on schedule.

In view of the large numbers of fertile egg masses being collected at Eddy Pen on Captiva we would appreciate your decision on increasing the numbers of sterile males released, some time in the future.

Since Captiva is extremely narrow a greater possibility exists than on other areas that flies released by plane may drift into water areas. It might be advisable to make the Captiva release by auto.

cc: E.F. Knipling
G.W. Eddy

Alfred H Baumhover

FEB 24 1953

Sanibel, Florida
2/23/53

To: G.W. Eddy

From: A.H. Baumhover

Subject: Weekly Report

Fly Mass Collections

Pen	Date	16		17		18		19		20		Totals	
		P	S	P	S	P	S	P	S	P	S	T	S
Knip		0	2	0	2	0	0	0	0	0	2	0	6
Bush		1	1	0	0	0	2	0	0	0	0	1	3
Eddy		13	4	2	0	8	2	5	2	2	4	30	12

Iona, Tower & Pine--none collected.

Fly Trap Collections

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Since Captiva is extremely narrow a greater possibility exists than on other areas that flies released by plane may drift into water areas. It might be advisable to make the Captiva release by auto.

cc: E.F. Knipling
G.W. Eddy

Eddy night

3

obtain Sanibel results Wednesday a.m. Knip and I will call you wednisday afternoon—
Bush

B.

Sanibel, Florida
2/28/53

To: G. W. Eddy

From: A. H. Baumhover

Subject: Weekly Progress Report

Egg Mass Collections

Pen	Date	21 F	21 S	22 F	22 S	23 F	23 S	24 F	24 S	25 F	25 S	26 F	26 S	27 F	27 S	Totals F	Totals S	
Knip		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
Bush		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Eddy		4	2	8	5	2	4	7	0	11	4	8	3	3	1	43	19	30%

Iona, Tower and Pine--none collected.

Fly Trap Collections

1 "wild" screw-worm in Junction trap.

Flies Released (sterile males)

Tuesday--4400; Friday--6540.
Sanibel is receiving the full quota of 100 males per square mile per week (including Captiva) regardless of the total flies received, and Captiva's quota is being distributed by auto.

Alfred H Baumhover

cc: E.F. Knipling
R.C. Bushland

Bush: Do you wish a compilation of data for the 1st quarterly report or will it be ok to wait until completion of the present program for inclusion in the 2nd report of '53?
Hope to see you soon. AE

Sanibel, Florida
2/22/53

To: G. W. Eddy

From: A. H. Baumhover

Subject: Weekly Progress Report

Fly Mass Collections

Pen	Date	21		22		23		24		25		26		27		Totals	
		♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂
Knip		0	0	0	0	1	0	0	0	0	0	0	0	0	1		
Bush		0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Eddy		4	2	8	5	2	4	7	0	11	4	8	3	3	1	43	19

Total, 62 flies.

Fly Trap Collections

1 "wild" screw-worm in Junction trap.

Flies Released (sterile males)

Tuesday---4400; Friday---5840.

Sanibel is receiving the full quota of 100 males per square mile per week (including Captiva) regardless of the total flies received, and Captiva's quota is being distributed by auto.

cc: E.F. Knipling
R.C. Bushland